



CDF Operations Report






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All Experimenter's Meeting
July 17, 2006

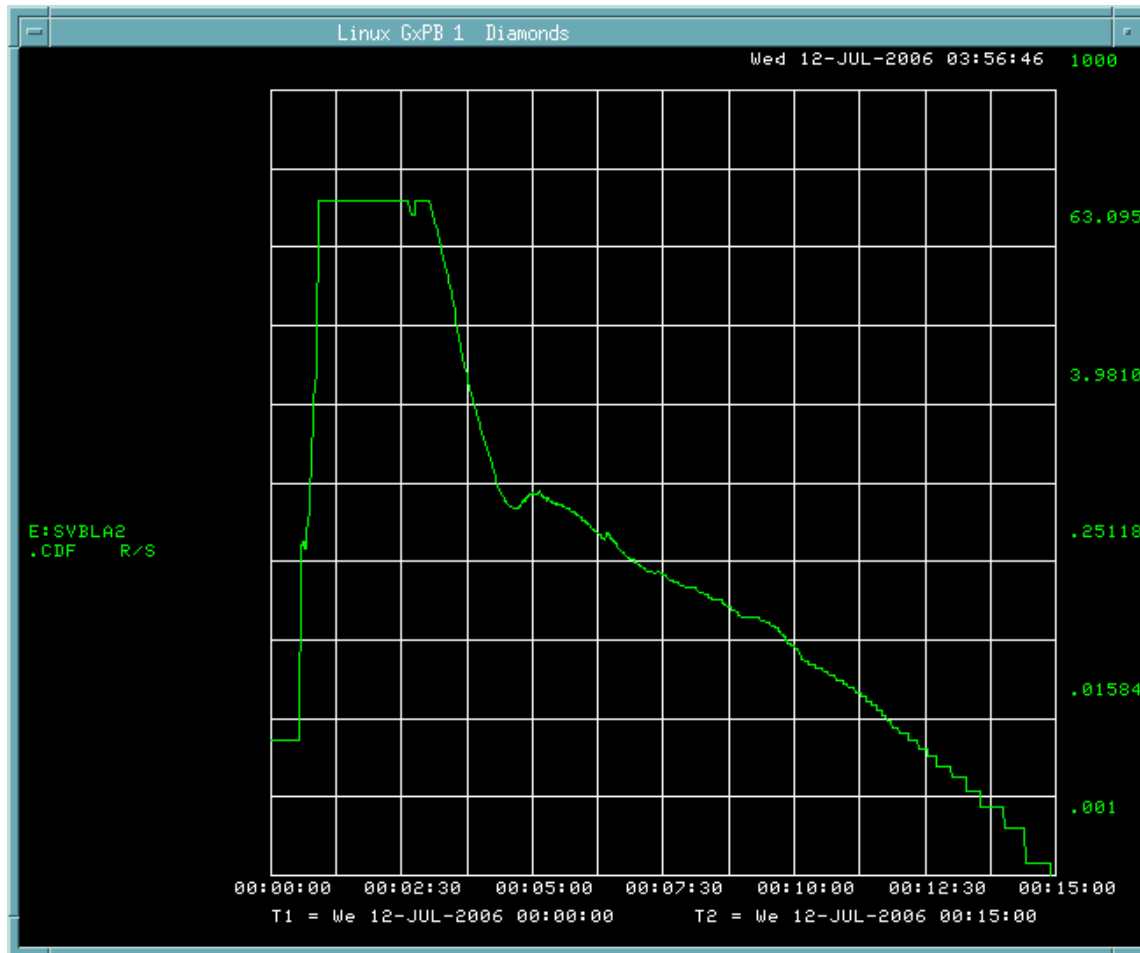
Store Summary (10-17 Jul 2006)

Store	Start Date	Duration (hours)	Intial Lum 1/(μ b-s)	Delivered Lum (1/pb)	Live Lum (1/pb)	Lum w/Si (1/pb)	Comments
4818	09 Jul Sun	35.8	157.1	6.84	5.93 86.7%	4.00 58.6%	TeV RF ISL ladder
4821	11 Jul Tues	7.9	165.4	3.04	2.60 85.8%	2.60 85.8%	beam abort SVX BLM false alarm
4822	12 Jul Wed	3.4	108.5	1.02	0.92 89.8%	0.92 89.8%	-
4825	13 Jul Thu	10.9	66.7	1.48	1.07 72.0%	1.07 72%	EVB code, COT/CLC trip
4828	14 Jul Fri	27.2	93.5	3.90	3.35 86.0%	2.09 53.6%	trigger table tests w/ and wo/ silicon
4829	15 Jul Sat	0.1	140.1	0.03	n/a	n/a	still raising HV
4835	16 Jul Sun	19.7	62.7	2.03	1.55 76.4%	0.76 37.4%	TOF HV, abort gap losses
4838	17 Jul Mon	ongoing	79.7				
total		104.8		18.3	15.4 84.2%	11.5 62.5%	

Other Comments

-  Other sources of losses during the week
 -  muon chamber trips (humidity)
 -  eXtremely Fast Trigger stereo upgrade, code upgrade problems
 -  other glitches that require crate reboots or starting a new data run
-  L3 farm completed transition from RedHat -> SciLinux

BLM False Alarm



BLM dose rate before abort to 15
minutes after

- Thanks to
 - Paul Derwent,
Marv Olson, MCR
shift crew
 - Silicon experts
for a sleepless
owl shift
- West Outer BLM
 - Pre-amp card
replaced
 - BLM output being
monitored
- Clean abort, no signs
of radiation or beam
losses
- 1st CDF monitoring
false alarm in 4
years (??)

Controlled Access Work

- 📌 Tuesday morning (2 hours)
 - 📌 Muons: resegmenting detectors (trips)
 - 📌 Diamond : repair and diagnostics
 - 📌 Silicon: ISL power supply (unsuccessful)
 - 📌 module works, but affects other boards
 - 📌 replacement supply came from CAEN repair
- 📌 Saturday afternoon (1 hour)
 - 📌 Single CEM channel with bad readout card
 - 📌 COT FADC board moved upstairs
- 📌 No access requests of high priority
 - 📌 Nine (minor) jobs in queue, all 4+ hours
 - 📌 Piggy-back on any longer D0 or TeV access